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1995 m PTO-1449 Modified			Docket No. ISIS-1169	Serial No. 08/117,363				
Ci	ted 1	s and Publications by Applicant heets if necessary)	Applicant Cook, et al.					
U.S. Department of Commerce Patent and Trademark Office			Filing Date September 3, 1993	Group 1807				
OTHER DOC	UMENI	S (Including Author,	Title, Date, Perti	nent Pages, Etc.)				
SIF	AA	Englisch, et al., "G as Probes and Inhibit 1991, 30, 613.	Chemically Modified itors" <i>Angew. Chem.</i>	Oligonucleotides Int. Ed. Eng.				
SH	AB	Manoharan, et al., "Novel Functionalization of the Sugar Moiety of Nucleic Acids for Multiple Labeling in the Minor Grove" Tetrahedron Letters 1991, 32, 7171.						
54	AC	Goodchild, "Conjugates of Oligonucleotides and Modified Oligonucleotides: A Reviw of Their Synthesis and Properties" Bioconjugate Chemistry 1990, 1, 165.						
SH	AD	Monoharan, et al., "Chemical Modifications to Improve Uptake and Bioavailability of Antisense Oligonculeotides" Database Embase Elsevier Science Publishers 1992 660, 306 (abstract).						
EXAMINER		Howt	DATE CONSIDERED	6-6-97				

Sheet 2 of Serial No. Form PTO-1449 Modified Docket No. ISIS-1169 08/117,363 List of Patents and Publications Applicant Cited by Applicant (Use several sheets if necessary) Cook, et al. Filing Date Group U.S. Department of Commerce September 3, 1993 1807 Patent and Trademark Office U. S. PATENT DOCUMENTS Class Subclass Examiner Document Date Name Initial No. AA AB ACAD ΑE AF AG AΗ ΑI ΑJ

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translati YES	on NO
412	AK	WO 91/14696	11/03/91	PCT/US91/02224	xx	
	AL					
	AM					
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List of Patents and Publican (Use several sheets if no	Applicants Cook and Manoharan									
U.S. pepartment of Commer Paters and Trademark Offi	Filing Dat	Group 1807								
U. S. PATENT DOCUMENTS										
Examiner Document Initial No.	Date	Name		Class	Subcl	.ass				
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				APN 0 4 1595						
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FOREIGN PATENT DOCUMENTS										
Examiner Document Marial	No.	Date	Country		Translat: YES	ion NO				
EXAMINER DATE CONSIDERED										